

## **POTASSIUM IODINE;P-4190;POTIDE**

### **MSDS Number**

BHBTB

### **National Stock Number**

6810-00-185-7017

### **Product Name**

POTASSIUM IODINE;P-4190;POTIDE

### **Manufacturer**

FISCHER SCIENTIFIC CHEMICAL DIV

### **Product Identification**

Product ID:POTASSIUM IODINE;P-4190;POTIDE

MSDS Date:11/09/1988

FSC:6810

NIIN:00-185-7017

MSDS Number: BHBTB

### **Responsible Party**

FISCHER SCIENTIFIC,CHEMICAL DIVISION

1-REAGENT LANE

FAIR LAWN , NJ 07410-2802

US

Emergency Phone: 201-796-7100

Info Phone: 201-796-7100 OR 201-796-7523

Cage: 80015

### **Contractor**

FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

FAIRLAWN, NJ 07410-2802

US

201-796-7100

Cage: 1B464

### **Ingredients**

POTASSIUM IODIDE

CAS: 7681-11-0

RTECS: TT2975000

Fraction By Weight: 100.0%

OSHA PELNOT ESTABLISED

### **Hazards**

LD50 LC50 Mixture:862MG/KG ORAL-MOUSE LDLO

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:IRRITATION OF

EYES,SKIN,RESPIRATORY OR G.I. TRACT,REDNESS OR PAIN IN EYES;POISON

MAY AFFECT THE THYROID GLAND,POSION FROM SALTS MAY RESULT IN

SENSITIZATION REACTION,HYPOTHYROID EFFECT. CHRONIC:IO DISM,SKIN

RASHES,JOINT PAIN,ASTHMA,CONJUNCTIVITIS.

Explanation of Carcinogenicity:PER MSDS DATA.

Effects of Overexposure:SEE HEALTH HAZARDS DATA.

Medical Cond Aggravated by Exposure:PRE-EXISTING CONDITIONS MAY BE

WORSEN.

## First Aid

First Aid:EYES:FLUSH WITH PLENTY OF WATER FOR ABOUT 15-20 MINUTES,SEEK MEDICAL ATTENTION IMMEDIATELY. SKIN:WASH THOROUGHLY WITH PLENTY OF WATER;MAY USE MILD DETERGENT;SEEK MEDICAL HELP IF NEEDED. INHALATION:REM OVE TO FRESH AIR;CONSULT A PHYSICIAN IMMEDIATELY. INGESTION:IF CONSCIOUS,GIVE 2-4 GLASSES OF WATER,INDUCE VOMITING,CALL A PHYSICIAN.

## Fire Fighting

Extinguishing Media:DRY CHEMICAL,CO\*2,HALON,WATER SPRAY.  
Fire Fighting Procedures:IF APPLICABLE,USE NIOSH/MSHA APPROVED SCBA IN AN ENCLOSED AREA.  
Unusual Fire/Explosion Hazard:NONE NOTED.

## Accidental Release

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;SWEEP UP OR VACUUM AND RECOVER FOR PROPER DISPOSAL.

## Handling

Handling and Storage Precautions:STORE IN COOL,DRY AND WELL VENTILATED AREA;KEEP AWAY FROM OXIDIZERS,STRONG ACIDS.

## Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MIST IF ABOVE PEL/TLV (RESP DUST).  
Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV (RESP DUST).  
Protective Gloves:IMPERVIOUS.  
Eye Protection:SAFETY GOGGLES.  
Other Protective Equipment:APRON,EYE-WASH FACILITIES.  
Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE DUST/MIST;WASH THOROUGHLY AFTER USE.  
Supplemental Safety and Health

## Chemical Properties

HCC:N1  
Boiling Pt:B.P. Text:2426F/1330C  
Melt/Freeze Pt:M.P/F.P Text:1258F/681C  
Vapor Pres:1MMHG  
Spec Gravity:3.1  
pH:6-9.2  
Solubility in Water:SOLUBLE (127.5%)  
Appearance and Odor:COLORLESS TO WHITE,DELIQUESCENT GRANULES OR POWDER WITH A STRONG,BITTER TASTE.

## Stability

Stability Indicator/Materials to Avoid:YES  
ALKALI METALS,BROMINE,OXIDANTS,PERCHLORIC ACID.  
Stability Condition to Avoid:EXTREME HEAT.  
Hazardous Decomposition Products:OXIDES OF POTASSIUM AND HYDROGEN IODIDE.

## Disposal

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

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